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AUTHOR	Schueller, George K.; McKenna, Thomas W.
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ABSTRACT

Questionnaires were sent to 1,822 trainees and fellows of the National Institute of Dental Research (NIDR). Questions covered demographic characteristics of NIDR graduate trainees and fellows and their length of training, professional activities, estimates of importance of NIDR training, and publications. A response rate of 78.7 percent was achieved. Findings were that: more than 90 percent of the fellows and trainees were employed full-time; more than half the trainees, and 60 percent of the fellows, were employed by a university, more than one-quarter were self-employed; about two-thirds of the trainees, three-fourths of the fellows, were doing some teaching; more than 80 percent of both groups had held teaching or research positions since the end of their NIDR-supported training; dentistry and dental specialties were the fields of about 47 percent of the trainees and about 54 percent of the fellows; former NIDR fellows/trainees sponsored an estimated 960 other trainees and fellows; about 70 percent of the trainees, over 82 percent of the fellows, felt NIDR-supported training helped them significantly toward their career goals; more than 54 percent of the trainees, and over 62 percent of the fellows, said they could not have obtained the same training without NIDR support. (Author/NH)

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FINAL REPORT

FOLLOW-UP SURVEY OF NATIONAL INSTITUTE OF DENTAL RESEARCH GRADUATE TRAINEES AND POSTDOCTORAL FELLOWS

Submitted to:

National Cancer Institute
Extramural Programs
Bethesda, Maryland

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Written by:

George K. Schueller
Thomas W. McKenna

Submitted by:

Westat, Inc.
11600 Nebel Street
Rockville, Maryland 20852

August 1973

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NOTE: The computer-printed tables referred to in this report are available for examination at NIDR.

1. SURVEY RESULTS

1. SURVEY RESULTS

1.1 Summary of Major Findings

- Questionnaires were mailed to 1,141 trainees and 701 fellows. The response rate was 74.4 percent for trainees and 87.6 percent for fellows.
- More than 50 percent of the fellows and the trainees are employed full-time at the present time.
- More than half of the trainees and more than 50 percent of the fellows report that they are presently employed by a university. Slightly more than one-quarter are self-employed.
- About two-thirds of the trainees and about three-fourths of the fellows do some teaching at the present time.
- More than 80 percent of both the fellows and the trainees have held positions in teaching and/or research since the end of their RIDM-supported training.
- Dentistry and dental specialties are the present fields of activity of about 47 percent of the trainees and about 54 percent of the fellows.
- Former RIDM fellows and trainees have sponsored an estimated total of 763 other trainees and fellows.
- About 70 percent of the trainees and over 80 percent of the fellows feel that their RIDM-supported training helped them significantly in achieving their career goals.
- More than 54 percent of the trainees and some 72 percent of the fellows state that they could not have obtained the same training without RIDM support.

5.2 Demographic Distribution of 2010 Spokane Business and Billing

In designing the questionnaire, one of the important criteria to be observed was to ask as few questions as possible which could be considered "too personal." It was felt that some of these questions, such as marital status, income, etc., could have an adverse effect on the sake of cooperation, and, for this reason, only two direct questions pertaining to demographic characteristics were asked. They were age and sex. The third demographic variable, geographic location of the respondent, was of course immediately available through his address.

Table 5-1 shows the age distribution for the business and billions. The average age for the business is 57.4 years, while for the billions it is 61.8 years. At first glance, it may seem that these average ages are somewhat higher than expected, but it must be remembered that a considerable span of years is covered by this survey and that all business and billions who are still in business at this time have been included. Another point to keep in mind is that the majority of both business and billions already had a Bachelor Degree while in business. Of the business, 64.8 percent already had a Bachelor Degree, while for the billions the comparable figure is 51.8 percent.

Table 5-2 below shows the sex distribution for the two groups of respondents.

Table 3-1 Records and Distributions

Age	Respondents		Mothers	
	Number	Percent	Number	Percent
Under 20	[illegible]	[illegible]	[illegible]	[illegible]
20 – 25	[illegible]	[illegible]	[illegible]	[illegible]
25 – 30	[illegible]	[illegible]	[illegible]	[illegible]
30 – 35	[illegible]	[illegible]	[illegible]	[illegible]
35 – 40	[illegible]	[illegible]	[illegible]	[illegible]
40 – 45	[illegible]	[illegible]	[illegible]	[illegible]
45 – 50	[illegible]	[illegible]	[illegible]	[illegible]
50 – 55	[illegible]	[illegible]	[illegible]	[illegible]
55 and older	[illegible]	[illegible]	[illegible]	[illegible]
Mothers	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]

Table 3-2 Sex Distribution

Age	Respondents		Mothers	
	Number	Percent	Number	Percent
Male	[illegible]	[illegible]	[illegible]	[illegible]
Female	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]

The geographic distribution of the respondents and Mothers is shown in Table 3-3. As this table, geographic distribution shows the location of the respondents at the time they answered the questionnaire. For geographic division, the 20 [illegible] geographic regions were used with one additional category for "Abroad."

TABLE 3-1: Distribution of Incumbent and Entrant by Demographic Analysis

Measure	Incumbent		Entrant	
	Number	Percent	Number	Percent
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	9900	100.0	9.5	100.0

In general, the incumbent and entrant seem to be very distributed over the total sample. The largest concentration, and uniformity, is found in the group of great experience density, large enterprises, and nonunion companies. Regard to ownership of the frames of Illinois, Indiana, Minnesota, Michigan, Ohio, and Wisconsin, has the largest percentage of both incumbent and entrant. The incumbent, the most largest group member is Michigan (33 and 35), while the entrant. Regard to union coverage has that is in second place. Nonunion uniformity, perhaps, higher 35, union coverage coverage, is in third place for incumbent and in second place for entrant.

The last demographic characteristics to be discussed is the employment size of the two groups. Table 3-2 gives about the number of this characteristic. Only two most

[illegible]

[illegible]

[illegible]	[illegible]		[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TABLE 12-1 Length of Stockings

Number of Stockings	Sample 1		Sample 2	
	Frequency	Relative Frequency	Frequency	Relative Frequency
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] Nonlinearity with Linearity of Increments

[illegible] [illegible] [illegible] [

[illegible]

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Trainees who are now self-employed generally had shorter periods of NIDR-supported training than those who are now employed by a university. Among the fellows, on the other hand, this trend is much less pronounced, with both groups having almost an equal percentage with less than two years of training.

At the other end of the scale, looking at those who had four years or more of NIDR-supported training we see that, among the trainees, about 20 percent of those who are now employed by a university fall into this category, while among the self-employed, only 6.5 percent had four or more years of training. The same trend can be observed among the fellows, with 8 percent of the university employed having had four or more years of training as compared to only 0.9 percent of the self-employed. (For full details see the computer-printed Table 9.)*

I.4 Professional Activities

One of the most important questions on which the questionnaire attempted to get information was how the trainees and fellows spend their professional time. Do they spend at least part of their time in activities which might be considered to be positively connected with the NIDR-supported training they received, or do they tend more towards activities which might not be considered a positive outgrowth of their training?

---

*The computer-printed tables referred to in this report are available for examination at NIDR.

In order to answer this question, the respondents were asked:

Including all your current professional activities, please give a percentage of time and effort for each of the following categories that is applicable:

		Percent
(1)	Receiving training	_____%
(2)	Teaching/training others in educational institutions	
	Dental students	_____%
	Dental auxiliaries	_____%
	Other health professionals	_____%
(3)	Research	
	Dental	_____%
	Other (Specify) _____	_____%
(4)	Direct patient care	
	Institutional	_____%
	Intramural	_____%
	Private	_____%
(5)	Administration	
	Research	_____%
	Educational	_____%
	Other (Specify) _____	_____%
(6)	Writing or consulting	_____%
(7)	Other (Specify) _____	_____%
	PLEASE HAVE TOTAL ADD TO:	100.0%

I.4.1 Percent of Time Spent on Teaching and Research

Two kinds of tabulations were made. One shows the distribution of professional activities for all those who spent at least 10 percent of their time in a given activity, and the second one deals with all those who spent at least 50 percent of their time in a given activity (see the computer-printed Tables 26, 30, and 31.)

Since "Teaching/training others in educational institutions" was considered one of the more desirable activities for trainees and fellows, special tabulations were made on this subject (see the computer-printed Tables 36 and 37). The trainees' and fellows' answers regarding their teaching activities are shown in Table 4-1 below. (For easier presentation the percentage intervals have been somewhat compressed.)

Table 4-1 Percent of professional time spent on teaching/training

Percent of time	Trainees		Fellows	
	Number	Percent	Number	Percent
None	284	33.8	116	26.8
1 - 25 percent	249	29.6	155	35.8
26 - 49 percent	120	14.3	76	17.5
50 - 69 percent	113	13.5	67	15.5
70 - 99 percent	59	7.0	17	3.9
100 percent	15	1.8	2	0.5
Total	840	100.0	433	100.0

This table shows that about two-thirds of the trainees and about three-fourths of the fellows do some teaching. More than 22 percent of the trainees teach for 50 percent or more of their professional time. For the fellows this figure amounts to almost 20 percent.

I.4.2 Positions Held in Teaching and/or Research

Respondents were also asked a somewhat broader question: whether they had held positions in teaching/training and/or research since the end of their NIDR-supported training.

Research, of course, was considered to be the most important activity to follow for the former trainee or fellow. The respondents' replies to this question are shown in Table 4-2 below.

Table 4-2 Positions held since NIDR training

Positions held	Trainees		Fellows	
	Number	Percent	Number	Percent
Yes, teaching only	206	24.5	87	20.1
Yes, research only	75	8.9	24	5.5
Yes, both	440	52.4	280	64.7
No	117	13.9	38	8.8
DK/NA	2	0.2	4	0.9
Total	840	100.0	433	100.0

From Table 4-2 it can be seen that rather large majorities of both trainees and fellows have held teaching and/or research positions since the end of their NIDR-supported training. Slightly more trainees have held teaching positions. Relatively small percentages in both groups have held jobs involving only research.

I.4.3 Present Field of Activity

The present fields of activity for the trainees and fellows were classified under 50 different headings (see computer-printed Table 11). This, of course, resulted in widely dispersed replies. For a more readable presentation, Table 4-3 below shows the replies for Dentistry and all dental specialties plus six additional fields which show a considerable number of answers.

Table 4-3 Present field of activity

Field of Activity	Trainees		Fellows	
	Number	Percent	Number	Percent
Dentistry	89	10.6	-	9.2
Oral surgery	62	7.4	21	4.8
Orthodontics	49	5.8	57	13.2
Pedodontics	36	4.3	16	3.7
Periodontics	76	9.0	59	13.6
Prosthodontics	29	3.5	8	1.8
Oral Pathology	39	4.6	27	6.2
Endodontics	17	2.0	7	1.6
Total (dental specialties)	397	47.2	235	54.1
Anatomy	39	4.6	22	5.1
Biochemistry	38	4.5	29	6.7
Microbiology	11	1.3	17	3.9
Pathology	17	2.0	15	3.5
Pharmacology	13	1.5	6	1.4
Physiology	22	2.6	12	2.8
Other	303	36.2	97	22.4
Total	840	100.0	433	100.0

Among the trainees, almost half are in dentistry or one of the dental specialties at the present time. Among the fellows, this figure is slightly larger, reaching 54 percent. The largest single field for both trainees and fellows is Periodontics.

The comparatively large number of "Others" consists of respondents in virtually all scientific specialties. Some of the larger groups classified as "Other" are:

Speech pathology and audiology
Behavioral sciences
Engineering
Metallurgy

2.5 Trainees' and Fellows' Estimates of Importance of NIDR Training

In the questionnaire sent to the trainees and fellows an effort was made to have the respondents estimate the significance of the NIDR support for themselves and for the course of their careers. For this purpose, the following series of questions was asked:

> Since the completion (termination) of your National Institute of Dental Research-sponsored training, have you sponsored other trainees or fellows?
>
> No_____ Yes_____ How many?_____
>
> Did your National Institute of Dental Research-supported training contribute to the achievement of your career goals?
>
> No_____ Moderately_____ Significantly_____
>
> Would you have been able to obtain the same training without NIDR support?
>
> Yes_____ No_____ Don't know_____
>
> Number of scientific publications_____
> Number as senior author_____

3.5.1 Sponsorship of Other Trainees or Fellows

The question asking whether other trainees or fellows have been sponsored resulted in the answers shown in Table 3-1 below.

Table 3-1 Sponsorship of other trainees or fellows

Sponsorship	Trainees		Fellows	
	Number	Percent	Number	Percent
None	769	64.4	327	75.1
Yes, 1 - 5	91	15.8	59	13.6
Yes, 6 - 10	16	1.9	13	2.9
Yes, more than 10	7	0.6	19	6.0
DR/NA	17	2.0	16	3.7
Total	848	100.0	433	100.0

While large percentages of both trainees and fellows did not sponsor anyone, it is possible to say that as a minimum the following were sponsored:

Trainees

91 sponsored at least 1 = 91
16 sponsored at least 6 = 96
7 sponsored at least 11 = 77

Total 264

Fellows

59 sponsored at least 1 = 59
13 sponsored at least 6 = 72
19 sponsored at least 11 = 209

Total 340

This shows that the Latitude number represented by the Increases and Reliance is 800. In actuality, the number must be somewhat higher, and, considering that only the most promising students are represented, the total number in our inexperienced sense of a large percentage did not appear anyone.

We can also calculate the estimated total represented by each group. This can be done by taking the midpoint for each response category and multiplying by the applicable number of respondents. Thus:

	Number Represented	Midpoint		Number of Respondents		Estimated Total
Business:	[illegible]	[illegible]	x	[illegible]	=	[illegible]
	[illegible]	[illegible]	x	[illegible]	=	[illegible]
	[illegible]	[illegible]	x	[illegible]	=	[illegible]
				Total		[illegible]
Reliance:	[illegible]	[illegible]	x	[illegible]	=	[illegible]
	[illegible]	[illegible]	x	[illegible]	=	[illegible]
	[illegible]	[illegible]	x	[illegible]	=	[illegible]
				Total		[illegible]

The estimated total for both groups, therefore is 800.

4.4.2 Business' and Reliance' Indication of Significance of HIGH-Supported Training Towards Advancement of Human Society

The marginal tabulations of the responses to this question are shown in Table 2-4 below. Both groups are emphatic in stating that the HIGH-supported training has contributed to the

effectiveness of their manager results. — A larger percentage of the Mutiwa than of the Nakiwa feels that the environment was unpredictable.

Table 9.2 Behavioral characteristics of NGO-supported banking schemes, effectiveness of manager groups

Behavioral characteristics	Mutiwa		Nakiwa	
	Number	Percentage	Number	Percentage
Conscientiousness (organizing)	[illegible]	[illegible]	[illegible]	[illegible]
Conscientiousness (accuracy)	[illegible]	[illegible]	[illegible]	[illegible]
Risk-taking propensity	[illegible]	[illegible]	[illegible]	[illegible]
Locus	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]

A cross-tabulation of these questions by locus of employment activity shows that the orientations of the NGO-supported banking in Nakwi more highly by those in academic professions as compared to those engaged in primary domestic processes. (See the regression-personal figure 9.1.)

9.3 Evaluation of the Idea Banking Without NGO Support

In the last question in this section, respondents were asked, "Would you have been able to obtain the same banking without NGO support?" The answers to this question are shown in Table 9.3 below.

TABLE 9-11 INVESTIGATED OF DATA CLASSES

	Classes		Methods	
CHARACTERISTIC	Number	Percent	Number	Percent
Text	[illegible]	[illegible]	[illegible]	[illegible]
Not	[illegible]	[illegible]	[illegible]	[illegible]
Not to check	[illegible]	[illegible]	[illegible]	[illegible]
Not	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]

Differences between access time locations and between two codes exist. Considering some that both the Volume that that the user checking could be, time been available without DOM support. Based consider to one-fourth of data groups are not open about characteristic of the same classes.

A cross-tabulation with "Type of management" shows much that done in the summary discussions that more interesting than the same type of checking model and time been available without DOM support, which groups characteristics are been not closed to that read only. Note the comparison between Table 9-1.

9.5.4 Business and Personal Computing

In the last time as the questionnaire, the respondents were told: "If you could add to make any differences computing groups do to include?"

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

Otro procedimiento usado fue la toma de muestras de [illegible] en [illegible] de la [illegible] [illegible] del [illegible] de [illegible] [illegible] [illegible] [illegible] [illegible].

Mediante [illegible] del [illegible] [illegible] fue [illegible] a [illegible] [illegible] [illegible] [illegible]

Cuadro 2.2.4b — Distribución de los grupos étnicos nacionales

Grupos étnicos nacionales	Hombres		Mujeres	
	Casos	%	Casos	%
Mestizo	[illegible]	[illegible]	[illegible]	[illegible]
Quechua	[illegible]	[illegible]	[illegible]	[illegible]
Aymara	[illegible]	[illegible]	[illegible]	[illegible]
Ashéninka	[illegible]	[illegible]	[illegible]	[illegible]
Aguaruna	[illegible]	[illegible]	[illegible]	[illegible]
Shipibo-Conibo	[illegible]	[illegible]	[illegible]	[illegible]
Shawi	[illegible]	[illegible]	[illegible]	[illegible]
Matsés	[illegible]	[illegible]	[illegible]	[illegible]
Awajún	[illegible]	[illegible]	[illegible]	[illegible]
Yanesha	[illegible]	[illegible]	[illegible]	[illegible]
Otros grupos étnicos nacionales	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]

Cuando se [illegible] la mayoría [illegible] se hacen [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

Trainees employed by a university are, in general, publishing much more than the self-employed. Among the trainees, 8 percent of those employed by a university have not published at all, while among the self-employed the corresponding figure is over 27 percent. The figures for fellows show a similar trend.

The average numbers of publications for the two groups have not been computed since such a comparison might be unfair. It is part of the professional life of a university professor to publish scientific papers while this is not necessarily the case for a practicing DDS or DMD. One further point should be made regarding the group of fellows who report that their principal employer is the federal government. This group is quite small, consisting only of 16 respondents but more than 30 percent of this small group report that they each have more than 26 scientific publications to their credit. This is a larger percentage than for those employed by a university. (For detailed results see the computer-printed Tables 43, 48, and 50-55.)

II. METHODOLOGY

II. METHODOLOGY

II.1 Description of Respondent Groups

In July of 1972, Westat, Inc. was awarded a contract by NIH to conduct a followup survey of two different groups of recipients of support from the National Institute of Dental Research. These two groups were:

Recipients of Graduate Training Awards, and
Recipients of Fellowships.

These groups will be referred to in this report as trainees and fellows, respectively. In the case of trainees, this survey covered those who received training support from fiscal year 1958 through fiscal year 1971. Trainees and fellows who were still in training at the time of the survey were excluded from the study.

The group of NIDR fellows included in this survey covers all recipients of fellowships from the inception of the program through those fellowships starting in fiscal year 1971. For this reason, the fellows to be surveyed include some who had been NIDR fellows as long as 20 years ago.

NIDR furnished Westat with lists of graduate trainees and fellows. The list for trainees included:

Full name
Address
Training grant number
Degree held while in training
Social Security number (for the majority of cases)
Date of birth.

For those who held an NIDR fellowship, the following information was furnished:

Full name
Address
Dates of fellowship (when known)
Name of institution where the fellow studied (when known)
Name of professor under whom he studied (when known).

The addresses, in many cases, were the ones the fellows and trainees used while in training, and many of them proved to be out of date. As a result it was necessary to perform substantial locating efforts using various techniques described below in Section II.3.

II.2 Questionnaire Development

Based on suggestions and a questionnaire outline provided by NIDR, a survey instrument was developed. The instrument underwent various revisions and was pretested with nine respondents before being submitted to OMB for approval. After various delays OMB approval was received in late November, 1972.

II.3 Procedures Used For Securing Current Addresses

Since addresses were available for almost all NIDR trainees and fellows, no address searching was necessary in the beginning of the project. However, as time progressed, it did prove to be necessary to do considerable address searching since a large number of the original addresses proved to be no longer valid. These efforts are describbd in the sections below.

II.3.1 Library Sources

In order to secure current addresses, a great many library sources were used. The most important ones were the following:

American Dental Directory
American Dental Association
Chicago, Ill., 1973.

1969 American Medical Directory, 25th edition
American Medical Association
Chicago, Ill., 1969.

Directory of Medical Specialists
Marquis, "Who's Who Inc.," Von Hoffman Press, Inc.
St. Louis, Mo., 1972.
(During the course of the project a new 1973 edition of this reference work was published and used for locating missing addresses.)

Who Is Publishing in Science
1971 and 1972 Annual Institute for Scientific Information, Inc.
Philadelphia, Pa.

American Men of Science, 11th Edition
ed. by Jacques Cattell Press
R. R. Bowker Co., New York, 1965.
(A new edition of this work is being published at this time. The new title is American Men and Women of Science. At this time only the first four volumes, covering letters A-K, are available. These were used extensively.)

Another valuable source which was used extensively was:

Research Grants Index, Vol. II
Fiscal Year 1971
U. S. Dept. of HEW, Public Health Service.

This publication was quite fruitful in finding the present location of those trainees and fellows who held any type of NIH grant in fiscal year 1971. Probably because of age and experience, more NIH grants had been obtained by NIDR fellows than by trainees, and for this reason this source proved to be more fruitful for locating addresses of former NIDR fellows.

After these sources had been exhausted, arrangements were made with the National Science Foundation to look for missing addresses in the "National Scientific Register." This was done and a considerable number of additional addresses were secured.

Some of the addresses secured from library sources also proved to be out of date, and many were returned as "Undeliverable" by the Post Office. Other techniques were used in such cases to get valid addresses. Those techniques are described below.

II.3.2 Contact With Alumni Offices

NIDR records contained information, in most cases, showing the undergraduate institution attended by trainees and fellows together with the year of graduation and the type of degree obtained.

A form letter was composed to the Director of Alumni Affairs (see Attachment G). Names of the institution and of the trainee or fellow were filled in, and these letters were sent out together with a postage-paid reply envelope. Letters were sent to the undergraduate institutions of all those trainees

and fellows for whom no address was located during the library search. In addition, such letters were also sent for those trainees and fellows for whom addresses had been obtained but whose questionnaire was returned by the Post Office as "Undeliverable."

This method of getting current addresses worked quite well. Almost all of the institutions replied. In most cases they supplied addresses which proved to be valid. In some cases, of course, the Alumni Office did not have a current address at all or supplied us with an address which later turned out to be incorrect. In general, however, we received excellent cooperation from Alumni Offices all over the country.

II.6 Survey Operations

II.6.1 Results of Address Search

The search for addresses was a continuing process. Many of the addresses which were found in one of the primary reference books, such as the ASA Directory, later turned out to be invalid and other steps had to be taken to find an address. As previously mentioned, one of the primary means of getting addresses was writing to the Alumni Affairs Office of the undergraduate institution attended by the trainee or fellow. Many such letters were written and almost all of them were answered by the Alumni Office in question. Most of the addresses secured in this way turned out to be valid.

The following table shows the number of names which were provided by NIH for trainees and fellows and also the number for whom addresses were found as well as those for whom no address could be located or who were found to be deceased.

Table [illegible] Results of address search

	Number of cases on list	No address found	Remarked*	Left for mailing
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total	[illegible]	[illegible]	[illegible]	[illegible]

* The fact that these three failures were discovered was discovered during the address search, and therefore no questionnaires were even mailed to them. During the course of the regular mailing it was discovered that an additional number of failures and truncated were discovered. This number is presented for in the discussion of the various mailings and the response rates. A listing of all discovered failures and truncates is attached (see Broadmeas N.)

[illegible] Questionnaire Mailings and Response Rates

As has been previously mentioned, [illegible] clearance for the questionnaires was not obtained until late November of [illegible]. Since questionnaire printing still had to be done, this meant that the first mailing could not have taken place until early November, and this in turn meant that the returns of the respondents would have fallen into the immediate pre-Christmas season. In previous large-scale mail surveys, it has been Restuff's experience that mailouts during the Christmas season generally do not result in a good response. For this reason, and with the concurrence of [illegible], the decision was made to postpone the first mailout until just after Christmas and spend the remaining days before Christmas in trying to locate more valid addresses.

Consequently, the first mailing of the [illegible] took place on December [illegible] and [illegible], 1970. The mailing consisted of the questionnaire and the "Look and Make Sure" [illegible] A and B.

Most these mails were allowed to stagnate before the first following was sent out to nonrespondents. The following mailing consisted of the same schedule as the original mailing but in addition included a letter from the Director of GSDR urging the respondent to fill out the questionnaire and return it to Mental Law Department [illegible].

During the planning phase of the project it had been decided that the second following to nonrespondents would be handled by "Certified Mail - Return Receipt Requested." This mailing was sent out on February [illegible], 1970. This procedure proved to be quite successful since it resulted in the receipt of about [illegible] percent of all business questionnaires and about [illegible] percent of all Mailer questionnaires.

Late in April of 1970, another special attempt was made to get replies from nonrespondent follows. Another certified mailing was sent to all follows who had not replied by that date. This mailing included a letter signed by the Special Assistant to the Executive Director of GSDR. A total of [illegible] questionnaires were sent out at that time, and an additional [illegible] replies were received. Due to the meeting in time it was not always possible to say with certainty to which mailing the respondent actually had replied, but the same Express for the certified mailing and the special mailing are believed to be reasonably accurate.

Table [illegible] below shows the overall results of all mailings and the response rates which were achieved.

Table 20.4 Working capital and cash cycles (days)*

	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

PARLIAMENTARY DEBATES (HANSARD)

Mode of Address — Mr. Speaker, Sir.

Point of Clarification — The Member has to confirm that Mwana Tirongo Mpungu, Kwanyarwanda, arrived in the Kenyan Parliament. Which tribe does that Member belong to?

Hon. Jerusalemu — Mr. Speaker, Sir, I am the Member representing Kwanyarwanda Constituency. Kwanyarwanda Constituency is a cosmopolitan constituency. We have people from all over the country. We have people from Kisii, we have people from Luo, we have people from Kikuyu, we have people from Luhya, we have people from Kalenjin, we have people from Kamba, we have people from Mijikenda, we have people from Somali, we have people from Turkana, we have people from Samburu, we have people from Taita Taveta, we have people from Kwanyarwanda. We have people from all over the country. We have people from Kwanyarwanda. We have people from Kwanyarwanda. We have people from Kwanyarwanda

[illegible]

[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
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[illegible]

[illegible]

[illegible]

OMB No. 68-S72033
Expires: April 30, 1974

GENERAL INSTRUCTIONS

1. Please answer all questions except where questionnaire instructions call for skipping a question.

2. If a given question is not applicable to you please indicate N.A. in the space allotted for a response.

3. Don't hesitate to write explanatory notes if you feel further explanation is necessary. Use an additional sheet of paper for this purpose and be sure to make reference to the question number you are elaborating on.

4. Where called for, please make careful use of the attached green colored "Code and Name List." Codes from this list should be used in answering items 7 and 8, in Question 2 and also for Questions 3b, 3d, 5 and 6.

SURVEY OF GRADUATE TRAINEES AND FELLOWS

If address incorrect, or if you prefer another mailing address, please write it here:

_____

_____

_____
(City) (State) (ZIP)

1. Demographic Information

a. Date of Birth ____ / ____ / ____
Month Day Year

b. Maiden or Other Name _____

c. Sex

(1) Male ☐
(2) Female ☐

d. Social Security Number

☐ ☐ ☐

BEST COPY AVAILABLE

2. Training Experience

Include all professionally-oriented training even if no degree was (is) anticipated. "Professionally-oriented" training includes academic, research, and clinical training. Start with current training, if applicable, and list, in reverse chronological order, all training to, and including, your receipt of the baccalaureate degree.

	Dates		Type of Training			Source of Support Code*	Fields from Code and Name List**		Degree Awarded or to be Awarded	Year of Award
	Began (Mo)(Yr)	Completed (Mo)(Yr)	Acad.	Rsch.	Clin.		Code	Name		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Current Training										
Previous Training 1.										
2.										
3.										
4.										
5.										
6.										
7.										

* Use the code list below for filling in "Source of Support." (List all sources of support)
**Use green colored "Code and Name List."

SOURCE OF SUPPORT (for questions 2 and 3d)

01 National Institute of Dental Research
02 National Cancer Institute
03 National Institutes of Health (other than NIDR or NCI)
04 Public Health Service (other than NIH)
05 Department of Defense - DOD
06 Atomic Energy Commission - AEC
07 National Aeronautics and Space Administration - NASA
08 Veterans Administration - VA
09 National Science Foundation - NSF
10 State or local government agency (non-educational)
20 Public college or university
30 Private college or university
40 Private health or social agency
50 Private foundation
60 Industry
70 Self
80 Other (Specify) _____

3. Employment

a. Are you presently:

Employed full-time. . . . . ☐
Employed part-time. . . . . ☐
Unemployed. . . . . ☐ (Skip to Q.3c)
Retired . . . . . ☐ (Skip to Q.3c)
Other (Specify) _____ ☐ (Skip to Q.3c)

_____

b. Indicate your current position title, field or discipline (see Code and Name List), principal employer(s), and organizational component(s).

_____
(Title)

_____
(Field or Discipline) (Enter Code from "Code and Name List")

_____
(Name of Principal Employer -- University, Institution, Self, etc.)

_____
(College, School, Division, etc.)

_____
(Branch, Department, Office, etc.)

_____
(Joint Appointment(s) -- If any, specify and give percent of time and effort to each)

c. Including all your current professional activities, please give a percentage of time and effort for each of the following categories that is applicable:

	Percent
(1) Receiving Training	_____%
(2) Teaching/training others in educational institutions	
Dental Students	_____%
Dental Auxiliaries	_____%
Other Health Professionals	_____%
(3) Research	
Dental	_____%
Other (Specify) _____	_____%
(4) Direct Patient Care	
Institutional	_____%
Intramural*	_____%
Private	_____%
(5) Administration	
Research	_____%
Educational	_____%
Other (Specify) _____	_____%
(6) Writing or Consulting	_____%
(7) Other (Specify) _____	_____%
PLEASE MAKE TOTAL ADD TO:	100 %

d. If you are currently involved in research for at least 10% of your time (3,c.(3)), please complete the following. If not, go on to question 4.

Indicate your primary research area in the space below. Please choose one, but if you are doing research equally in two areas, list them both. (Use the attached "Code and Name List" and enter the code(s) which best describe(s) your research area(s).) Identify the source of support (from the appropriate codes on page 2) and be as specific as possible about your subject(s) of interest.

(1) _____ _____ _____
[Code-Area] [Research Area] [Code-Support]

(2) _____ _____ _____
[Code-Area] [Research Area] [Code-Support]

(3) _____ _____
[Other descriptors if necessary] [Code-Support]

(4) _____
(Specific subject(s) of interest, e.g., plaque, teratology, collagen, etc.)

* Private patient care using institutional facilities.

4. a. Since the end of your NIH supported training, have you held any position in:

	YES	NO
Teaching	☐	☐
Research	☐	☐

If you hold any positions involving either teaching or research, GO TO Q.4b, if not, GO TO Q.5.

b. Since the end of your NIH supported training, how many years have you spent in positions involving:

	FULL-TIME	PART-TIME
Teaching	_____ # Years	_____ # Years
Teaching and Research	_____ # Years	_____ # Years
Research	_____ # Years	_____ # Years

ONLY RESPONDENTS WITH MD, DO, DDS, DMD OR DVM DEGREES ANSWER QUESTIONS 5 AND 6.

5. List your basic specialty(ies) in order of significance to your professional activity. Use the attached green colored "Code and Name List."

	Code	Name
a.	_____	_____
b.	_____	_____
c.	_____	_____

6. Please indicate below the specialties in which you have U.S. Board Certification. If you do not have a U.S. Board Certification, check here: ☐

a. First Certification _____ (Code)* _____ (Specialty Field) _____ (Year)

Second Certification _____ (Code)* _____ (Specialty Field) _____ (Year)

Foreign Certified Specialty _____ (Code)* _____ (Specialty Field) _____ (Year)

*Use attached green colored "Code and Name List."

7. Since the completion (Institution) of your National Institute for Dental Research-supported training, have you sponsored other trainees or fellows?

No _____ Yes _____ How many? _____

8. Did your National Institute of Dental Research-supported training contribute to the achievement of your career goals?

No _____ Moderately _____ Significantly _____

9. Would you have been able to obtain the same training without NIDR support?

Yes _____ No _____ Don't know _____

10. Number of scientific publications _____
Number as senior author _____

If you would like to make any additional comments, please do so below:

THANK YOU VERY MUCH FOR YOUR INFORMATION

[illegible]

[illegible]

[illegible]
[illegible]

[illegible]

[illegible]

	Page
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[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

DENTAL SPECIALTIES

Code	
318000	Dentistry (General Practitioner)
318010	Oral Surgeon
318015	Endodontist
318020	Orthodontist
318030	Pedodontist
318040	Periodontist
318050	Prosthodontist
318060	Oral Pathologist
318070	Public Health

MATHEMATICS, PHYSICAL SCIENCES, AND ENGINEERING

Code	
410000	CHEMISTRY See also the main categories of Biochemistry, Biophysics, and Immunology in the Biological Sciences.
414000	ENGINEERING
414030	Bioengineering
418000	INFORMATION AND COMPUTER SCIENCES
422000	MATHEMATICS
422030	Biostatistics (Biometry, Statistics, Public Health Statistics)
422060	Biomathematics, other than biostatistics
422999	Mathematics, other (non-biologically related)[1]
426000	PHYSICS See also Biophysics in the Biological Sciences and Radiology in the Medical Specialties.
439999	PHYSICAL SCIENCES, ALL OTHER[1]

[1] Please specify on report form.

BEHAVIORAL SCIENCES

Code	
510000	ANTHROPOLOGY
512000	DEMOGRAPHY
522000	PSYCHOLOGY
	Psychopharmacology see 154150 in the Biological Sciences.
522030	Psychology, general
522060	Clinical psychology
522180	Experimental, comparative, and physiological psychology
522999	Psychology, all other[1]
530000	SOCIOLOGY
599999	BEHAVIORAL SCIENCES, ALL OTHER[1]

[1] Please specify on report form.

ALLIED HEALTH (VETERINARY, ENVIRONMENTAL)

Code	
610000	AUDIOLOGY AND SPEECH THERAPY
614000	COMMUNITY HEALTH SERVICES
622000	DIETETICS
626000	ENVIRONMENTAL HEALTH SCIENCES
626005	Toxicology (Environmental Agents, general)
626010	Toxicology, Air Pollutants
626015	Toxicology, Food
626020	Toxicology, Pesticides
626025	Toxicology, Metals
626030	Toxicology, Synthetic Chemicals
626035	Toxicology, Natural Products
626040	Toxicology, Other Chemicals
626045	Toxicology, Physical Factors
626050	Environmental, Biochemistry
626055	Environmental, Biology
626060	Environmental, Engineering
626065	Environmental, Epidemiology
626070	Environmental, Human Ecology
626075	Environmental, Medicine
626080	Environmental, Microbiology
626085	Environmental, Pathology
626090	Environmental, Physiology
626095	Environmental, Statistics
626100	Other Environmental Sciences
630000	FOOD SCIENCES AND TECHNOLOGY
634000	LIBRARY SCIENCE
650000	NURSING
658000	OPTOMETRY
662000	OSTEOPATHY
678000	RADIOLOGIC TECHNOLOGY
682000	VETERINARY SCIENCE
682010	Laboratory Animal Medicine
682020	Veterinary Public Health
682030	Veterinary Toxicology
682040	Veterinary Microbiology
682050	Veterinary Pathology
682060	Veterinary Surgery
699999	ALLIED HEALTH, ALL OTHER[1]

[1] Please specify on report form.

ADMINISTRATION

Note: Please code departmental heads in their respective fields.

Code	
710030	Administration, general
710060	Education administration
710090	Hospital administration, including Health administration
710120	Research administration
799999	Administration, all other[1]

874999 ALL OTHER[1]

[1] Please specify on report form.

ATTACHMENT C

LIST OF DENTAL SPECIALTIES

Alphabetical Listing of

DENTAL RESEARCH GRANTS

DE00005 ANESTHESIA, DENTAL
DE00012 ATHEROSCLEROSIS
DE00015 BENZIAT BERGER
DE00016 BIOPSICTIONS
DE00020 AGE DETERMINATION BY TEETH
DE00024 ALCOHOLTER
DE00027 ALLOYS
DE00028 ALVEOLAR PROCESS
DE00029 ALVEOLECTOMY
DE00034 ALVEOGRAPHY
DE00035 AMELOBLASTOMA
DE00036 AMELOMELAXIS
DE00037 AMELOGENESIS
DE00038 AMELOGENESIS IMPERFECTA
DE00039 AMERICAN DENTAL ASSOCIATION
DE00040 ANALGESIA
DE00041 ANALGESICS AND ANTIPYRETICS
DE00042 ANESTHESIA, DENTAL
DE00043 ANESTHESIA, GENERAL
DE00044 ANESTHESIA, LOCAL
DE00045 ANESTHETICS, LOCAL
DE00046 ANODONTIA
DE00047 APICOECTOMY
DE00048 ATHEROSCLEROSIS
DE00049 AVIATION DENTISTRY
DE00050 AWARDS AND PRIZES

DE00051 BENEDICT'S REAGENT
DE00052 BENZOPS
DE00053 BONDING, DENTAL
DE00054 BONE REGENERATION
DE00055 BONE REMODELING
DE00056 BRUXISM
DE00057 BURKITT'S LYMPHOMA
DE00058 BURNING MOUTH SYNDROME

DE00059 CALCIUM
DE00060 CALCIUM HYDROXIDE
DE00061 CALCIUM METABOLISM DISORDERS
DE00062 CANDY
DE00063 CARCINOGENIC AGENTS

DE00064 CARDIOVASCULAR DISEASES
DE00065 CERIOSTATION
DE00066 CEPHALOMETRY
DE00067 CHECK
DE00068 CHEILITIS
DE00069 CHEMISTRY
DE00070 CHEWING GUM
DE00071 CHOP
DE00072 CHROMATIN-COMPLEX DISORDERS
DE00073 CLEFT LIP
DE00074 CLEFT PALATE ?
DE00075 CLEFT PALATE PROPTOSIS
DE00076 CLEIDOCRANIAL DYSOSTOSIS
DE00077 COMPLEX FERMENTS
DE00078 CRANIOFACIAL DYSOSTOSIS
DE00079 CROWN
DE00080 CRYING CAT SYNDROME
DE00081 CUSPS
DE00082 CYTOMEGALOVIRUSES
DE00083 DECALCIFICATION
DE00084 DECALCIFICATION PROCESSES
DE00085 DENTAL ABRASION
DE00086 DENTAL ARCS
DE00087 DENTAL ARCHITECTS
DE00088 DENTAL CASTINGS
DE00089 DENTAL CARE PLANS (see also
INSURANCE, DENTAL)
DE00090 DENTAL CARIES
DE00091 DENTAL CARIES ACTIVITY TESTS
DE00092 DENTAL CARIES SUSCEPTIBILITY
DE00093 DENTAL CARTING DIAGNOSIS
DE00094 DENTAL CARTING TECHNIQUE
DE00095 DENTAL CARTIFY LOSS
DE00096 DENTAL CARIFY PROPHYLAXIS
DE00097 DENTAL CEMENTUM
DE00098 DENTAL CLINICS
DE00099 DENTAL DEPOSITS
DE00100 DENTAL EMBRYS
DE00101 DENTAL EMBRYS DIAGNOSIS
DE00102 DENTAL EMBRYS PROPHYLAXIS
DE00103 DENTAL EMBRYS SUSCEPTIBILITY

[illegible]

[illegible]

[illegible]

[illegible]

ATTACHMENT E

CODING MANUAL

NCI/NIDR

CODING MANUAL

NCI/NIDR Coding Manual

CARD 01

Column	Variable	Code
1 - 6	ID No. assigned respondent	11 NCI Trainees 12 NCI Fellows 21 NIDR Trainees 22 NIDR Fellows
7 - 33	Respondents Name	
34 -38	Grant No.	
39 - 50	Respondents Training Dates	
51 - 52	BLANK	
53 - 56	Respondents Degree	Professional Doctorate PMD Professional Doctorate of Vet.Medicine PDVM Academic PD Baccalaureate, Masters -PRED No degree ND Doctor of Dental Science DDS Doctor of Dental Medicine DMD
57 - 67	Respondents Social Security Number	
79 - 80	Card type	01

CARD 02

Column	Variable	Code
1 - 6	ID No. assigned respondent	
7 - 58	Respondents address	
59 - 71	Respondents town or city	
72 - 73	State Code	
74 - 78	Respondents Zip Code	
79 - 80	Card type	02

NCI/NIDR Coding Manual

CARD 03

Column	Variable	Code
1 - 6	ID No. assigned respondent	11 NCI Trainees 12 NCI Fellows 21 NIDR Trainee 22 NIDR Fellows
7 - 12	1a. Respondent date of birth	actual month 2 digits actual day 2 digits actual year 2 digits
13	1c. Respondents sex	Male 1 Female 2
14- 23	1d. Respondent's Social Security Number	Actual
23	3a. Respondent's employment status	Employed full time 1 Employed part time 2 Unemployed 3 Retired 4 Student 5 Other 6 - 9
24 - 25	3b. (1) Respondent's position title	Use appendix list
26 - 31	(2) Field (1)	Actual - If uncoded use "Code and Name List"
32 - 37	Field (2)	Actual - If uncoded use "Code and Name List"

CARD 03

Column	Variable	Code
38 - 39	(3) Principal employer	Open end code
40 - 41	(4) College or school	Open end code
42 - 43	(5) Branch, department	Open end code
44 - 45	(6) First appointment	Open end code
46-47	(7) Second appointment	Open end code
79-80	Card type	03

CARD 00

Column	Variable	Code
1 - 6	Respondent's ID number	
7 - 40	3c. Current professional activities by percentage of time	
7 - 9	(1) Receiving training	Actual (3 digits)
10 - 12	(2) Teaching/training others in educational institutions/dental	Actual (3 digits)
13 - 15	b1. Dental auxiliaries	Actual (3 digits) (Blank on NCI)
16 - 18	b2. Other health professionals	Actual (3 digits) (Blank on NCI)
19 - 21	(3) Research/Dental	Actual (3 digits)
22 - 24	b1. Other	Actual (3 digits) (Blank on NCI)
	(4) Direct Patient Care	
25 - 27	Institutional	Actual (3 digits)
28 - 30	b.1 Intramural	Actual (3 digits) (Blank on NCI)
31 - 33	Private	Actual (3 digits)
	(5) Administration	
34 - 36	Research	Actual (3 digits)
37 - 39	Educational	Actual (3 digits)
40 - 42	Other	Actual (3 digits)

Column	Variable	Code
[illegible]	(6) Writing or Consulting	Method (3 digits)
[illegible]	(7) Other	Method (3 digits)
[illegible]	34. (Part) If currently involved in research for at least 100 of respondent's time	
[illegible]	(1) Primary research area	Precoded
[illegible]	Source of support	Precoded
[illegible]	(2) 2nd Research area	Precoded
[illegible]	Source of support	Precoded
[illegible]	(3) Other descriptors of secondary	Precoded
[illegible]	Source of support	Precoded
[illegible]	Card Type	[illegible]

Attachment A
Page 8 of 10
[illegible]

Column	Specifics	Code
1 - 4	Respondent's ID No.	
5 - 12	3A. Continued - Specific subjects of interest	See Code Sheet
13 - 16	Specific subjects of interest	See Code Sheet
17 - 20	Specific subjects of interest	See Code Sheet
21 - 24	4a. Have you held any position for:	
25	Teaching	Yes 1 No 2
26	Research	Yes 1 No 2 Not applicable 3
27 - 28	4b. Since the end of your supported training has many years have you spent in positions involving	
27 - 29	Teaching full-time	Actual (2 digits)
29 - 30	Part - time	Actual (2 digits)
31 - 32	Teaching/Research full-time	Actual (2 digits)
33 - 34	part-time	Actual (2 digits)
35 - 36	Research full-time	Actual (2 digits)
37 - 38	part-time	Actual (2 digits)
39 - 44	5. Rank capabilities in order of significance to professional activity	
39 - 40	a	Provided
41 - 42	b	Provided
43 - 44	c	Provided

[illegible]

74 - 80	Card Type	80

CARD 3B

Column	Entry	Code
1 - 6	Reserved to 3A	
7	6. Reserved (excited not have 6.0. World identification	1 (if checked) 2 (if not checked) 3 (not applicable)
8 - 12	No (11) Identity field code of identification	Required
13 - 18	Year received	Optional
19 - 21	(12) Identity field code of the identification	Required
22 - 25	Year received	Optional
26 - 28	(13) Foreign certified identity code	Required
29. 31	Year received	Optional
32 - 33	7. Since completion of your RECORDS have you approved other trustees or fiduciary?	(1 yes, other) number (2 no, 3B)
34	8. Are your RECORDS invisible .....?	Unquestionably 1 Questionably 2 No 3
35	9. Would you have been able to obtain the same training ....?	Yes 1 No 2 Don't know 3

[illegible]

[illegible]	[illegible]	[illegible]
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CARD 08

Column	Variable	Code
39 - 44	Field code	Precoded
45 - 46	Degree awarded	See code appendix
47 - 48	Year	Actual
49 - 69	Previous training (5)	
49 - 52	Date training began	Actual month & year
53 - 56	Date training was completed	Actual month & year
- 57	Type of training	Academic 1
		Research 2
		Clinical 3
		Academic & Research 4
		Academic & Clerical 5
		Research & Clinical 6
		All Three 7
58 - 59	Source of support	Precoded
60 - 65	Field code	Precoded
66 - 67	Degree to be awarded	See code appendix
68 - 69	Year	Actual
79 - 80	Card type	08

CARD 09

Column	Variable	Code	
1 - 6	Respondent's ID		
7 - 69	Training Experience		
7 - 27	Previous training (6)		
7 - 10	Date training began	Actual month & year	
11 - 14	Date training was completed	Actual month & year	
15	Type of training	Academic	1
		Research	2
		Clinical	3
		Academic & Research	4
		Academic & Clinical	5
		Research & Clinical	6
		All Three	7
16 - 17	Source of support	Precoded	
18 - 23	Field Code	Precoded	
24 - 25	Degree to be awarded	See code appendix	
26 - 27	Year	Actual	
28 - 48	Previous training (7)		
28 - 31	Date training began	Actual month & year	
32 - 35	Dates training was completed	Actual month & year	
36	Type of training	Academic	1
		Research	2
		Clinical	3
		Academic & Research	4
		Academic & Clinical	5
		Research & Clinical	6
		All Three	7

CARD 09

Column	Variable	Code
37 - 38	Source of support	Precoded
39 - 44	Field code	Precoded
45 - 46	Degree awarded	See code appendix
47 - 48	Year	Actual
49 - 69	Previous training (8) (if necessary)	
49 - 52	Date training began	Actual month &year
53 - 56	Date training was completed	Actual month &year
57	Type of training	Academic 1
		Research 2
		Clinical 3
		Academic & Research 4
		Academic & Clinical 5
		Research & Clinical 6
		All three 7
58 - 59	Source of support	Precoded
60 - 65	Field code	Precoded
66 -67	Degree to be awarded	See code appendix
68 - 69	Year	Actual
79 - 80	Card type	09

NCI/NIDR

CODING MANUAL

OPEN END CODES

OPEN END CODES PROJECT # 0303

QUESTION 2(9) DEGREE TO BE AWARDED

01. BA
02. BS
03. MA
04. MS
05. PHD
06. MD
07. DDS
08. DVM
09. DOCTOR OF SCIENCE
10. DPMD
20. OD
30. RADIATION THERAPIST
40. PHM - DOCTOR OF PHARMACY
50. OTHER - SPECIFY

3a TITLE (2 DIGITS)

01 STUDENT
02 INTERN
03 RESIDENT
04 FELLOW
05 INSTRUCTOR
06 ASSISTANT PROFESSOR
07 ASSOCIATE PROFESSOR
08 PROFESSOR
09 ADMINISTRATOR DIRECTOR
10 RESEARCH SCIENTIST
11 SENIOR SCIENTIST
12 ASSISTANT MEMBER
13 MEMBER
14 RESEARCH ASSOCIATE
15 PHYSICIAN (PRIVATE PRACTICE)
16 DENTIST (PRIVATE PRACTICE)
17 DENTAL SURGEON
18 RADIATION THERAPIST

3b COLLEGE, SCHOOL, DIVISION, ETC.

01 SCHOOL OF MEDICINE
02 SCHOOL OF DENTISTRY
03 SCHOOL OF PUBLIC HEALTH
04 SCHOOL OF NURSING

3b PRINCIPAL EMPLOYER

01 FEDERAL GOVERNMENT
02 STATE OR LOCAL GOVERNMENT
03 HOSPITAL (EXCEPT VA)
04 VA HOSPITAL
05 UNIVERSITY
06 RESEARCH INSTITUTE
07 FOUNDATION
08 PRIVATE INDUSTRY (MEDICAL)
09 PRIVATE INDUSTRY (OTHER)
10 PRIVATE HEALTH OR SOCIAL AGENCY
20 SELF
30 OTHER

19 PHYSICIAN (HOSPITAL STAFF MEMBER)
20 POST-DOCT.
30 OTHER
40 SPEECH THERAPIST AND AUDIO
05 SCHOOL OF VET. MEDICINE
06 TEACHING HOSPITAL (MED. CENTER OR LAB.)
07 OTHER

3a Branch Department

01 Medicine
02 Dentistry
03 Anatomy
04 Biochemistry
05 Biology
06 Biophysics
07 Botany
08 Cytology
09 Ecology
10 Embryology
11 Entomology
12 Genetics
13 Immunology
14 Microbiology
15 Nutrition
16 Pathology
17 Pharmacology
18 Physiology
19 Dermatology
20 Geriatrics
21 Neurology
22 Gynecology
23 Oncology
24 Ophthalmology
25 Pediatrics
26 Public Health, Preventive Medicine
27 Psychiatry
28 Radiology
29 Surgery
30 Chemistry
31 Physics
32 Environmental Health Sciences
33 Veterinary Science
34 Oral Surgery
35 Endodontistry
36 Orthodontistry
37 Pedodontistry
38 Periodontistry
39 Prosthodontistry
40 Oral Pathology

[illegible] Biometrics

[illegible] Drug Toxicology, Toxicology

[illegible] Drug Natural, Toxicology

[illegible] Drugs

[illegible] Nuclear Medicine

[illegible] Hematology

[illegible] Drugs Therapy and Radiology

[illegible] Oral, Dentistry

ATTACHMENT 2

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

ATTACHMENT H

LIST OF DECEASED TRAINEES AND FELLOWS

LIST OF DECEASED NIDR TRAINEES

210081	Behrens, David
210105	Beveridge, Edward E.
210120	Blaine, Helen L.
210485	Gruber, Rolf G.
210660	Knapp, Donald Everett
210854	Miller, Neal C.
210875	Moore, Russell Otto
210978	Podgue, William L.
211191	Stanton, Gilbert
211243	Tanzer, Ernest C.
211293	Vaughan, Rodney K.

LIST OF DECEASED NIDR FELLOWS

220152	Durkin, James V.
220169	Fiedler, D. E.
220257	Jackson, S.
220337	McBride, W. D.